| Index of Claims   | Application/Control No. | Applicant(s)/Patent under Reexamination TAKIZAWA, TERUO |  |  |  |  |
|---|-------------------------|---|--|--|--|--|
|   | 10/785,073              |   |  |  |  |  |
|   | Examiner                | Art Unit  |  |  |  |  |
| 1 18971 MELL 89714 18091 18191 97171 98717 19192 ETT 1937 | Kevin Quinto            | 2826  |  |  |  |  |
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|----------|--------|------------|-------------------------|----------|-------------------|---------------------|----------|----------|----------|----------|------------|----------|--------------|---------------|---------------------|----------|----------|----------|----------|---------------|------------|----------|----------|--|---------------------|----------|----------|----------------------|----------|
|          |        |            | =                       | A        | llow              | ed                  |          | +        |          |          |            | ŀ        | Interference |               |                     |          |          | 0        | Objected |               |            |          |          |  |                     |          |          |                      |          |
|          | Cla    | alm        |                         |          |                   | Date                |          | Claim    |          |          |            |          |              |               | Date Cl             |          |          |          |          |               | aim        | Date     |          |  |                     |          |          |                      | $\neg$   |
|          |        | 4          | 4                       |          |                   |                     |          |          |          |          | a          |          |              | $\Box$        | Т                   | Г        | ]_       | П        |          |               | 1          |          | П        | T                                      | T                   | T        | Т        |                      |          |
|          | Finel  |            | 8178                    |          |                   |                     |          |          |          | Final    | Original   |          |              |               |                     |          |          |          |          | Final         | Original   |          |          |  |                     |          |          |                      |          |
|          |        |            |                         |          | $\Box$            |                     |          |          |          |          | 51         |          |              | 士             |                     |          |          |          |          |               | 101        | Н        | $\dashv$ | +                                      | +-                  | +        | ╁╴       | H                    | $\dashv$ |
|          |        | 9          | 5                       | $\dashv$ | +                 | +                   | -        | Н        | -        | <u> </u> | 52         |          | П            | $\perp$       | 1                   | Ц        | L        | П        | _        |               | 102        |          |          | I                                      | I                   |          | 匚        | 口                    | $\Box$   |
|          |        | 4          | V                       | -        | ╅                 | +-1                 |          | Н        | -        | $\vdash$ | 53<br>54   | $\vdash$ | $\vdash$     | ┿             | +-                  | Н        | H        | $\vdash$ | -        |               | 103        | Н        | 4        | 4-                                     | ╀                   | ╄        | ╄        | $\sqcup$             | _        |
|          |        | 5          | V                       | $\neg$   | $\top$            | $\Box$              |          | H        |          |          | 55         | Н        | Н            | +             | +                   | Н        | H        | $\vdash$ | -        |               | 104        | Н        | +        | ╫                                      | ╁                   | ╁        | ┼        | ${oldsymbol{arphi}}$ | $\dashv$ |
|          |        | <b>(6)</b> | Ξ                       |          |                   |                     |          |          |          |          | 56         | П        |              | $\top$        |                     | П        | _        | $\vdash$ | -        |               | 106        | $\vdash$ | +        | ╁                                      | ╁                   | ╁        | Н        | H                    | $\dashv$ |
|          |        | 7          | Ξ                       | _        |                   |                     |          | $\Box$   | _        |          | 57         |          |              |               |                     |          |          |          |          |               | 107        |          |          | $\perp$                                | 十                   | $t^-$    | Н        | $\sqcap$             | 1        |
|          |        | 8          | 2                       |          | ┿                 | ╂┼                  | -        | $\Box$   | -[       |          | 58         | Н        | $\Box$       | 4             | 4                   |          |          | Ш        | _        |               | 108        |          |          | $\perp$                                | oxdot               | oxdot    |          | $\Box$               | J        |
| 1        |        | 10         | Н                       | ╅        | +-                | ↤                   |          | +        | $\dashv$ |          | 59<br>60   | Н        | $\dashv$     | +             | +                   | -        | _        | ⊢        | -        |               | 109        | Н        | +        | 4                                      | ┦—                  | 丨        | Н        | $\dashv$             | 7        |
| ı        |        | 11         |                         | +        | ╅                 | 1 1                 | $\dashv$ | +        | -        |          | 61         | Н        | $\dashv$     | +             | +                   | $\dashv$ | -        | $\vdash$ | -        |               | 110<br>111 | $\dashv$ |          | ╀                                      | ╀                   | ╀        | Н        | +                    | -        |
| 1        |        | 12         |                         |          |                   |                     |          |          |          |          | 62         |          | $\dashv$     | +             | $\top$              | $\dashv$ |          |          | 1        |               | 112        | $\dashv$ | +        | ╁                                      | ╁╴                  | ┢        | Н        | +                    |          |
| 1        |        | 13         | $\Box$                  | $\bot$   | $\bot$            | П                   | $\Box$   |          |          |          | 63         |          | $\Box$       |               |                     |          |          |          |          |               | 113        | _        | 7        | $\top$                                 | +                   | 一        | H        | $\dashv$             | $\dashv$ |
| ŀ        |        | 14         | 4                       | 4        | - -               | $oldsymbol{\sqcup}$ | $\dashv$ | 4        | _        |          | 64         | Ц        | $\exists$    | $\perp$       |                     |          |          |          | ] [      |               | 114        |          |          |  |                     |          |          |                      | 7        |
| ł        |        | 15<br>16   | $\dashv$                | +        | ┪                 | $\vdash$            | +        | +        | -        |          | 65         | Н        | 4            | +             | ┦┦                  | $\dashv$ | 4        | -        | 4        |               | 115        | $\neg$   | $\perp$  | I                                      | $\Box$              |          | $\Box$   | $\Box$               | ]        |
| ł        |        | 17         | -                       | $\dashv$ | +-                | $\vdash$            | ++       | +        | -        |          | 66<br>67   | H        | +            | +             | ╁┤                  | $\dashv$ | $\dashv$ | -        |          |               | 116        | -        | 4        | ╀                                      |                     | $\sqcup$ | Ш        | $\dashv$             | 4        |
| t        |        | 18         | 寸                       | +        | +                 |                     | +        | $\dashv$ | 1        |          | 68         | Н        | 十            | +             | +-1                 | +        | ᅥ        | -        | -        |               | 117        | +        | +        | ╫                                      | $\vdash$            | Н        | Н        | +                    | -        |
|          |        | 19         |                         |          |                   |                     |          |          | 7 1      |          | 69         |          | $\top$       | +             | + 1                 | ┪        | ┪        | _        | 1        | _             | 119        | +        | +        | +                                      | Н                   | Н        | Н        | +                    | $\dashv$ |
|          | _      | 20         | $\bot$                  | T        | $\perp$           | П                   | $\Box$   |          |          |          | 70         |          |              |               |                     |          |          |          | 1 (      |               | 120        |          | +        | T                                      |                     | H        | $\Box$   | 十                    | ┪        |
| ŀ        |        | 21         | 4                       |          | +                 | -                   | 11       | 4        | -        |          | 71         | $\sqcup$ | 4            | $\perp$       | $\perp$             |          |          |          | ] [      |               | 121        | $\Box$   |          | I                                      |                     |          |          | $\perp$              | 1        |
| ŀ        | -      | 22<br>23   | +                       | +        | ╫                 |                     | +        | +        | -        |          | 72         |          | +            | +             | +                   | 4        | 4        | $\bot$   | ╝        |               | 122        | 4        |          | $\perp$                                |                     |          | $\Box$   | $\Box$               | ]        |
| ŀ        |        | 24         | $\dashv$                | ┰        | +                 |                     | ++       | +        | -        |          | 73<br>74   | $\dashv$ | +            | ╁             | ┥                   | -+       | +        |          | ┩        | $\dashv$      | 123        | +        | -        | ╀-                                     | Н                   | Ш        | $\dashv$ | _                    | 4        |
| t        | 一十     | 25         | 1                       | +        | +                 | $\vdash$            | ++       | +        | ┪        |          | 75         | $\dashv$ | +            | ╁             | ╂                   | +        | ┪        | +        | ╢        | $\rightarrow$ | 124<br>125 | +        | ┿        | ╀                                      | Н                   | Н        | $\dashv$ | +                    | -        |
|          |        | 26         |                         |          |                   |                     |          |          | 1        |          | 76         | 7        | 十            | +             | 11                  | +        | 7        | $\dashv$ | ╫        | $\dashv$      | 126        | ╅        | ┿        | +                                      | Н                   | $\vdash$ | $\dashv$ | +                    | ┨        |
| L        |        | 27         |                         | $\perp$  | $\Box$            |                     |          | $\perp$  | ] [      |          | 77         |          |              |               |                     |          |          |          | 111      |               | 127        | +        | 十        | T                                      | Н                   | 一        | +        | +                    | 1        |
| ŀ        |        | 28         | +                       | 4        | 4-                | $\vdash$            | +        | _        | 4#       |          | 78         | 4        | 1            |               | $\Box$              | $\Box$   | $\Box$   | $\perp$  | ] [      |               | 128        |          |          |  |                     |          |          | $\top$               | ]        |
| H        |        | 29<br>30   | +                       | +        | +                 | $\vdash$            | ++       |          | -        |          | 79<br>80   | +        | -            | 4             | +                   | -        | -        | 4        | ┦        |               | 129        | _        | 1        | $oldsymbol{oldsymbol{oldsymbol{eta}}}$ | Ц                   | $\Box$   | $\Box$   | $\bot$               |          |
| H        |        | 31         | ╅                       | +        | +                 | -                   | ++       | ╁        | ╢        | +        | 81         | +        | ┿            | ╀             | ╂╼┼                 | -        | +        | +        | ╢┡       |               | 130        | +        | - -      | 1                                      | Н                   | -        | 4        | 4                    | 4        |
| t        |        | 32         | 1                       | $\top$   | $\dagger \exists$ | $\dashv$            | ++       | +        | ┪        | $\dashv$ | 82         | $\dashv$ | +            | +             | 1 1                 | +        | $\dashv$ | +        | ╬        |               | 131<br>132 | +        | ╫        | $\vdash$                               | $\vdash \downarrow$ | $\dashv$ | +        | +                    | -        |
| Γ        |        | 33         | T                       | I        |                   |                     |          |          | ] [      |          | 83         | 士        | 1            | T             |                     | $\top$   | +        | $\dashv$ | ╬        |               | 133        | +        | +-       | Н                                      | Н                   | +        | +        | ┿                    | 1        |
| F        |        | 34         | 4                       | 4        | $\Box$            |                     | 11       | 4        | ┛        | _        | 84         | $\perp$  | $\perp$      |               | П                   | $\Box$   | $\Box$   |          | ]   [    |               | 134        |          | $\top$   |  | $\Box$              | 7        | 寸        | 十                    | 1        |
| ŀ        |        | 35<br>36   | +                       | +-       | +                 | $\dashv$            | +        | 4        | ┩        |          | 85         | 4        | - -          | 1             | $\sqcup$            | 4        | 4        |          |          |               | 135        |          | $\perp$  |  |                     | $\Box$   | $\Box$   | 工                    | ]        |
| H        |        | 37         | ╁                       | ╁        | ++                | +                   | ╅┼       | +        | ╢╟       | _        | 86  <br>87 | +        | +            | ╇             | ╁                   | +        | 4        | - -      | ₽        |               | 136        | -        | 4        |  | Ш                   | _        | $\dashv$ | $\bot$               | ]        |
| r        |        | 38         | +                       | +        | H                 | $\dashv$            | 1-1      | ╁        | ╢        |          | 88         | +        | +            | ┿             | $\vdash$            | ╁        | +        | ╫        | ╢┝       |               | 137<br>138 |          | -        |  | -                   | $\dashv$ | +        | +                    | 4        |
| L        | $\Box$ | 39         |                         | 1        |                   |                     |          |          |          |          | 89         | $\top$   | 十            | 1             |                     | T        | 十        | $\dashv$ | 1        |               | 139        | ╁        | +-       | Н                                      | $\vdash$            | $\dashv$ | +        | ┿                    | -        |
| L        |        | 40         | _                       | 1        | Ш                 | $\perp$             | П        |          | ] [      |          | 90         | $\perp$  | $\perp$      | ${\mathbb T}$ |                     | $\perp$  | I        |          |          |               | 140        | $\top$   | T        |  |                     | 十        | 十        | 十                    | 1        |
| 1        |        | 41         | +                       | +        | ╀┩                | -                   | ++       | +        | 4 1      |          | 91         | $\perp$  | $\perp$      | 1             | $oldsymbol{\sqcup}$ | 1        | Ţ        | $\perp$  |          |               | 141        | I        | L        |  |                     | コ        | 工        | 工                    | 1        |
| ۲        |        | 12         | +                       | +-       | ╁                 | +                   | ++       | +        | ┨╟       |          | 92<br>93   | +        | +            | +             | H                   | +        | +        | -        |          | _             | 142        | 1        | $\perp$  | Ш                                      | 1                   | 4        | 4        | 4                    | 1        |
| ۲        |        | 14         | +                       | +        | Н                 | +                   | ++       | +        | ╬        |          | 94         | +        | +            | +             | $\vdash$            | ┿        | +        | +-       | ╢╟       |               | 143        | +        | +        | H                                      | 4                   | $\dashv$ | +        | - -                  | 4        |
| С        |        | 15         | 丁                       | 1        | $\Box$            | $\Box$              | 11       | $\top$   | 181      |          | 95         | +        | $\top$       | 1             | $\vdash$            | +        | +        | 1        |          |               | 145        | +        | +        | Н                                      | $\dashv$            | +        | +        | +                    | 1        |
| Ľ        |        | 16         | $oldsymbol{\mathbb{T}}$ | Г        | $\Box$            |                     |          | I        |          | 1        | 96         | 工        | I            | L             |                     | 士        | İ        |          |          |               | 146        | +        |          | Н                                      | +                   | 十        | 十        | +                    | 1        |
| $\vdash$ |        | 17         | +                       | 1        | П                 |                     | +        | $\bot$   | , IIII   |          | 97         | 工        | T            | П             | $\Box$              | Ţ        | Ţ        | $\Box$   |          |               | 147        | T        |          |  | コ                   | 士        | 士        | 工                    | 1        |
| H        |        | 9          | +                       | +        | H                 | +                   | ++       | +-       | ╢┡       |          | 98         | 4        | +            | H             | Н-                  | +        | +        | +        |          |               | 148        | +        | $\perp$  |  | $\perp$             | 工        | 工        | I                    | 1        |
| H        |        | 0          | +                       | +        | H                 | +                   | ++       | ╁        | ╫        |          | 99         | +        | +            | $\vdash$      | -                   | +        | +        | +        |          | +             | 149        | +        | +        | $\vdash$                               | -                   | +        | +        | +                    | 1        |
| _        |        |            |                         |          |                   |                     |          |          |          |          |            |          |              |               |                     |          |          |          |          |               |            |          |          |  |                     |          |          |                      |          |